

Table 1: Significance table.

	Events _{afterαlphat$_2$jets$_a$nd$_P$FSL_cuts}	Events _{afterαlphat$_2$jets$_a$nd$_S$Lcuts}
QCD $_{Pt15}$	4801 +- 4801	9602 +- 6789
QCD $_{Pt30}$	387.2 +- 387.2	387.2 +- 387.2
QCD $_{Pt80}$	67.95 +- 25.68	106.8 +- 32.19
QCD $_{Pt170}$	19.66 +- 2.316	10.37 +- 1.683
QCD $_{Pt300}$	1.904 +- 0.157	0.1943 +- 0.05017
QCD $_{Pt470}$	0.3551 +- 0.02211	0.001376 +- 0.001376
QCD $_{Pt800}$	0.02147 +- 0.0008534	0 +- 0
QCD $_{Pt1400}$	0.0001875 +- 7.753e-06	0 +- 0
TTbar $_{temp}$	47.79 +- 0.4284	43.03 +- 0.4065
WJets $_{temp}$	185.8 +- 3.885	252.9 +- 4.533
ZJets $_{temp}$	3.52 +- 0.5134	4.718 +- 0.5944
ww $_{pat_1}$	4.116 +- 0.1781	4.656 +- 0.1894
wz $_{pat_1}$	2.206 +- 0.08148	2.669 +- 0.08963
zz $_{pat_1}$	0.9925 +- 0.03156	1.361 +- 0.03695
LM5 $_{temp}$	0.7048 +- 0.006821	0.6193 +- 0.006393
Significancy	0.009485	0.006068
QCD Significancy	0.009702	0.00616